

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("20050168994" "6578998" "6652123" "6767112").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/09/07 15:23
S2	1	("20050200262").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/07 15:25
S3	3930	(362/255,84,154,211,364,373).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/07 15:25
S4	1944	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/07 15:25
S5	174	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/09/07 15:42
S6	592	(362/290,292).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/07 15:42
S7	2913	(362/294,342,345,373).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/07 15:42
S8	2658	(257/91,99).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/07 15:42
S9	118	(57/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/07 15:43
S10	2636	(257/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/09/07 15:43
S11	784	(S7 or S7 or S10) and (grid or lattice or latice or louver)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/09/07 15:44

## EAST Search History

S12	1072	(S7 or S8 or S10) and (grid or lattice or latice or louver)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/09/07 15:45
S13	697	S12 and (LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element))))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/09/07 15:45
S14	1284	S13 or S6	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/09/07 15:45
S15	22	("3560675"   "3584162"   "3609475"   "3617666"   "4017848"   "4254453"   "4729076"   "5093768"   "5136483"   "5226723"   "5660461"   "5752766"   "5793343"   "5857767"   "5924785"   "6045240").PN. OR ("2004/0233671"   "6578998"   "6652123").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/09/07 16:13
S16	248	("1818380"   "1820086"   "20020191396"   "2477957"   "2898474"   "3354316"   "3367025"   "3444440"   "3458779"   "3502858"   "3510732"   "3512027"   "3539801"   "3875456"   "3882490"   "4013915"   "4104706"   "4254453"   "4325146"   "4419716"   "4471415"   "4598347"   "4729076"   "4742432"   "4935665"   "5001609"   "5119174"   "5528474"   "5632551"   "5857767"   "6578998"   "6641284").PN. OR ("1246509"   "1336951"   "2002/0080602"   "2005/0200262"   "2006/0133088"   "3609475"   "4254453"   "4729076"   "5226723"   "6045240"   "7011431").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/09/07 16:15
S17	148	S7 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/09/07 16:23
S18	9	("3609475"   "5136483"   "5660461"   "5924785").PN. OR ("6578998").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/06 15:41

## EAST Search History

S19	0	(2002/0136025).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:41
S20	1	("20020136025").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:41
S21	2023	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:43
S22	3005	(362/294,342,345,373).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:43
S23	163	S22 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:43
S24	2817	(257/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:43
S25	2769	(257/91,99).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:43
S26	1143	(S22 or S25 or S24) and (grid or lattice or latice or louver)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:43
S27	756	S26 and (LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element))))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:43
S28	838	(S22 or S22 or S24) and (grid or lattice or latice or louver)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:43

## EAST Search History

S29	257	("1818380"   "1820086"   "20020191396"   "2477957"   "2898474"   "3354316"   "3367025"   "3444440"   "3458779"   "3502858"   "3510732"   "3512027"   "3539801"   "3875456"   "3882490"   "4013915"   "4104706"   "4254453"   "4325146"   "4419716"   "4471415"   "4598347"   "4729076"   "4742432"   "4935665"   "5001609"   "5119174"   "5528474"   "5632551"   "5857767"   "6578998"   "6641284").PN. OR ("1246509"   "1336951"   "2002/0080602"   "2005/0200262"   "2006/0133088"   "3609475"   "4254453"   "4729076"   "5226723"   "6045240"   "7011431").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/06 15:43
S30	597	(362/290,292).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:43
S31	1	("20050200262").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:43
S32	118	(57/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:43
S33	4022	(362/255,84,154,211,364,373). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:43
S34	4	("20050168994" "6578998" "66521 23" "6767112").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:43
S35	1348	S27 or S30	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:43
S36	185	S33 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:43

## EAST Search History

S37	22	("3560675"   "3584162"   "3609475"   "3617666"   "4017848"   "4254453"   "4729076"   "5093768"   "5136483"   "5226723"   "5660461"   "5752766"   "5793343"   "5857767"   "5924785"   "6045240").PN. OR ("2004/0233671"   "6578998"   "6652123").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/01/06 15:43
S38	81	257/98-100	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:44
S39	0	257/98,99,100	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:44
S40	5152	(257/98,99,100).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/06 15:44
S41	451	S40 and (grid or honeycomb or grat\$3 or louver\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/01/06 15:45
S42	2114	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S43	3102	(362/294,342,345,373).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S44	179	S43 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S45	3006	(257/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S46	2906	(257/91,99).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S47	1214	(S43 or S46 or S45) and (grid or lattice or latice or louver)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38

## EAST Search History

S48	821	S47 and (LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element))))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S49	894	(S43 or S43 or S45) and (grid or lattice or latice or louver)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S50	289	("1818380"   "1820086"   "20020191396"   "2477957"   "2898474"   "3354316"   "3367025"   "3444440"   "3458779"   "3502858"   "3510732"   "3512027"   "3539801"   "3875456"   "3882490"   "4013915"   "4104706"   "4254453"   "4325146"   "4419716"   "4471415"   "4598347"   "4729076"   "4742432"   "4935665"   "5001609"   "5119174"   "5528474"   "5632551"   "5857767"   "6578998"   "6641284").PN. OR ("1246509"   "1336951"   "2002/0080602"   "2005/0200262"   "2006/0133088"   "3609475"   "4254453"   "4729076"   "5226723"   "6045240"   "7011431").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/17 13:38
S51	601	(362/290,292).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S52	1	("20050200262").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S53	118	(57/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S54	4123	(362/255,84,154,211,364,373).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S55	4	("20050168994" "6578998" "6652123" "6767112").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38

## EAST Search History

S56	1416	S48 or S51	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S57	196	S54 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S58	22	("3560675"   "3584162"   "3609475"   "3617666"   "4017848"   "4254453"   "4729076"   "5093768"   "5136483"   "5226723"   "5660461"   "5752766"   "5793343"   "5857767"   "5924785"   "6045240").PN. OR ("2004/0233671"   "6578998"   "6652123").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/17 13:38
S59	9	("3609475"   "5136483"   "5660461"   "5924785").PN. OR ("6578998").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/17 13:38
S60	2114	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S61	4123	(362/255,84,154,211,364,373). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S62	196	S61 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S63	2906	(257/91,99).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S64	3006	(257/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S65	3102	(362/294,342,345,373).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S66	1214	(S65 or S63 or S64) and (grid or lattice or latice or louver)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38

## EAST Search History

S67	894	(S65 or S65 or S64) and (grid or lattice or latice or louver)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S68	289	("1818380"   "1820086"   "20020191396"   "2477957"   "2898474"   "3354316"   "3367025"   "3444440"   "3458779"   "3502858"   "3510732"   "3512027"   "3539801"   "3875456"   "3882490"   "4013915"   "4104706"   "4254453"   "4325146"   "4419716"   "4471415"   "4598347"   "4729076"   "4742432"   "4935665"   "5001609"   "5119174"   "5528474"   "5632551"   "5857767"   "6578998"   "6641284").PN, OR ("1246509"   "1336951"   "2002/0080602"   "2005/0200262"   "2006/0133088"   "3609475"   "4254453"   "4729076"   "5226723"   "6045240"   "7011431").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/17 13:38
S69	118	(57/98).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S70	1	("20050200262").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S71	601	(362/290,292).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S72	821	S66 and (LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element))))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S73	4	("20050168994" "6578998" "6652123" "6767112").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S74	0	(2002/0136025).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38



## EAST Search History

S75	22	("3560675"   "3584162"   "3609475"   "3617666"   "4017848"   "4254453"   "4729076"   "5093768"   "5136483"   "5226723"   "5660461"   "5752766"   "5793343"   "5857767"   "5924785"   "6045240").PN. OR ("2004/0233671"   "6578998"   "6652123").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/17 13:38
S76	1	("20020136025").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S77	90	257/98-100	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S78	179	S65 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S79	1416	S72 or S71	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S80	5450	(257/98,99,100).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/05/17 13:38
S81	485	S80 and (grid or honeycomb or grat\$3 or louver\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38
S82	0	257/98,99,100	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/05/17 13:38